



BMA BIOMEDICALS

Monoclonal Antibody To Human Chemerin Receptor

Chemokine-Like Receptor 1; ChemR23; UniProt: Q99788

G-protein coupled receptor ChemR23 is a 373 amino acid protein that belongs to the G-protein coupled receptor 1 family, with two potential glycosylation sites and one disulfide bond. The ligand Chemerin (or retinoic acid receptor responder protein 2, RARRES2) is a 14 kDa protein found to stimulate chemotaxis of dendritic cells, monocytes / macrophages and natural killer cells to the site of inflammation. Accordingly, there is abundant expression of the receptor on these cells. ChemR23 is prominently expressed in developing osseous and cartilaginous tissue, as well as in tissues associated with hematopoietic and immune function including spleen, thymus, appendix, lymph node, bone marrow and foetal liver. The receptor is also found in adult parathyroid glands, in the cardiovascular system, brain, kidney, gastrointestinal and myeloid tissues and on endothelial cells. ChemR23 acts as a coreceptor for several SIV strains, as well as a primary HIV-1 strain.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1217 (Lot 01PO1220)
Clone:	1A7
Host species, isotype:	Mouse IgG1, kappa light chain
Quantity:	100µg
Format:	Protein G purified, lyophilized. Affinity purified from serum-free cell culture supernatant, lyophilized. Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% (v/v) Kathon™ CG as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Applications:	Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Paraffin sections: 1µg/ml (1:200), pretreatment with Proteinase K for antigen retrieval is recommended Optimal dilutions should be determined by the end user

Suggested positive control: Human placenta

Please see **www.bma.ch** for protocols and general information

Immunogen:

DNA vaccine

Protein database:

human-Q99788

Antigen, epitope:

The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope has not been further characterized.

For in vitro research only. This product contains Kathon™ CG as a preservative.